



MUSKOKA LUMBER COMMUNITY CENTRE (FORMERLY BRACEBRIDGE COMMUNITY CENTRE)

ABOUT THIS PROJECT

- + The project is for a “Made In Muskoka” community centre featuring one NHL-sized ice surface with seating for 1,000 spectators (provisions for a second ice surface), a multi-purpose athletic fieldhouse, a 350 person community hall, a library, and an outdoor play area.
- + Variable volume air handlers complete with air-side heat recovery, as well as variable speed pumping systems, were utilized to reduce energy consumption. Condensing natural gas boilers operate at greater than 90% combustion efficiency.
- + The arena refrigeration plant utilizes a natural refrigerant (CO₂) with a global warming potential of 1 and incorporates heat recovery for loads such as spectator seating and domestic water pre-heating.
- + Low flow plumbing fixtures throughout the building were employed to reduce potable water consumption and domestic water heating energy.
- + LED lighting is provided throughout the facility with a networked lighting control system allowing occupancy, daylight and scheduled control reducing energy consumption.
- + Provisions for future solar PV and EV charging have been provided.

LOCATION

Bracebridge, ON

SMITH + ANDERSEN SERVICES PROVIDED

Mechanical, Electrical,
Communications, Audiovisual,
Security, Sustainability (Footprint)

KEY TEAM MEMBERS

MJMA, Colliers, Aquicon, North
Electric, Nationwide AV

SIZE

128,000 sq. ft.

BUDGET

\$63.4 Million

COMPLETION YEAR

2025

HOT BUTTONS

LIBRARY

ARENAS

COMMUNICATIONS

AUDIOVISUAL

RECREATION

SECURITY

SUSTAINABLE

DESIGN-BID-BUILD

BIM (REVIT)

COMMUNITY



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